



Please type a plus sign (+) in this box



PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/568,568
	Filing Date	October 10, 2006
	First Named Inventor	Uchida
	Group Art Unit	1636
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	17810-519 NATL

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	*A2	4,683,195	07/28/87	Mullis et al.	435	6	
	*A3	4,683,202	07/28/87	Mullis	435	91	
	*A4	5,589,570	12/31/96	Tamura et al.	530	350	
	*A5	6,001,647	12/14/99	Peck et al.	435	325	

U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	*A6	2001/0051372 A1	12/13/01	Yin et al.	435	325	
	*A7	2002/0192816 A1	12/19/02	Roberts et al.	435	366	
	*A8	2004/0137535 A1	07/15/04	Uchida et al.	435	7.2	
	*A9	2005/0003529 A1	01/06/05	Taniguchi et al.	435	366	

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	B3	WO	90/07380	MILTENYI, Stefan	07/12/90		
	B4	WO	96/26782	MILTENYI BIOTECH, INC.	09/06/96		
	B5	EP	0 438 520 B1	BAXTER INTERNATIONAL INC.	07/31/91		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C3	Akashi et al. <i>Nature</i> , 404:193-197 (2000)
	C4	Allendoerfer et al., <i>Dev. Biol.</i> , 211(2):208-219 (1999)
	C5	Allendoerfer et al., <i>Mol. Cell. Neurosci.</i> , 6(4):381-395 (1995)
	C6	Ashwell et al., <i>Cell Tissue Res.</i> , 289(1):17-23 (1997)
	C7	Bach et al., <i>Carcinogenesis</i> , 21(3):469-476 (2000)
	C8	Bartsch et al., <i>Cell Tissue Res.</i> , 263(2):353-366 (1991)
	C9	Bird et al., <i>Dev. Biol.</i> , 104(2):449-460 (1984)
	C10	Corbeil et al., <i>Blood</i> , 91(7):2625-2626 (1998)
	C11	Corbeil et al., <i>J. Cell Sci.</i> , 112(Pt. 7):1023-1033 (1999)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C12	Davis et al., <i>Nature</i> , 372(6503):263-266 (1994)
	C13	Dodd et al., <i>J. Exp. Biol.</i> , 124:225-238 (1986)
	C14	Dvořák et al., <i>J. Cell Sci.</i> , 111:2945-2952 (1998)
	C15	Fernandes et al., <i>Endocrinol.</i> , 138(4):1750-1762 (1997)
	C16	Fox et al., <i>Dev. Biol.</i> , 83(2):391-398 (1981)
	C17	Gage, F.H., <i>Science</i> , 287(5457):1433-1438 (2000)
	C18	GenBank Accession No. NM_002033, 4 pages (2004)
	C19	GenBank Accession No. X53586, 4 pages (1997)
	C20	Gocht et al., <i>Histol. Histopathol.</i> , 11:1007-1028 (1996)
	C21	Gomperts et al., <i>Dev.</i> , 120:135-141 (1994)
	C22	Gooi et al., <i>Nature</i> , 292(5819):156-158 (1981)
	C23	Gritti et al., <i>J. Neurosci.</i> , 16(3):1091-1100 (1996)
	C24	Gritti et al., <i>J. Neurosci.</i> , 22(2):437-445 (2002)
	C25	Hakomori, S., <i>Histochem. J.</i> , 24(11):771-776 (1992)
	C26	Jessell et al., <i>Ann. Rev. Neurosci.</i> , 13:227-255 (1990)
	C27	Jirmanova et al., <i>Int. J. Dev. Biol.</i> , 43(6):555-562 (1999)
	C28	Johansson et al., <i>Cell</i> , 96(1):25-34 (1999)
	C29	Jones et al., <i>Cell</i> , 80(1):83-93 (1995)
	C30	Jost et al., <i>J. Biol. Chem.</i> , 269(42):26267-26273 (1994)
	C31	Kabat et al., <i>NIH Publication no. 91</i> , "Sequences of Proteins of Immunological Interest", Vol. I, Fifth Edition, pages 647-723; Vol. II, pages 1571-1610 (1991)
	C32	Kawaguchi et al., <i>Mol. Cell. Neurosci.</i> , 17(2):259-273 (2001)
	C33	Kondo et al., <i>Cell</i> , 91(5):661-672 (1997)
	C34	Kondo et al., <i>Science</i> , 289(5485):1754-1757 (2000)
	C35	Laywell et al., <i>Proc. Natl. Acad. Sci. USA</i> , 97(25):13883-13888 (2000)
	C36	Liu et al., <i>J. Immunol.</i> , 139(10):3521-3526 (1987)
	C37	Liu et al., <i>Proc. Natl. Acad. Sci. USA</i> , 84(10):3439-3443 (1987)
	C38	Lois et al., <i>Proc. Natl. Acad. Sci. USA</i> , 90:2074-2077 (1993)
	C39	Mai et al., <i>Eur. J. Neurosci.</i> , 10(2):746-751 (1998)
	C40	Marani et al., <i>Acta Morphol. Neerl.-Scand.</i> , 24(2):103-110 (1986)
	C41	Marani et al., <i>Histochem.</i> , 78(2):157-161 (1983)
	C42	Marmur et al., <i>Dev. Biol.</i> , 204:577-591 (1998)
	C43	Miraglia et al., <i>Blood</i> , 91(11):4390-4391 (1998)
	C44	Morrison et al., <i>Cell</i> , 88(3):287-298 (1997)
	C45	Morrison et al., <i>Cell</i> , 96(5):737-749 (1999)
	C46	Morrison et al., <i>Immunity</i> , 1(8):661-673 (1994)
	C47	Morshead et al., <i>Neuron</i> , 13(5):1071-1082 (1994)
	C48	Muramatsu, T., <i>Nagoya J. Med. Sci.</i> , 57(3-4):95-108 (1994)
	C49	O'Reilly et al., <i>Diabetes</i> , 46(4):599-606 (1997)
	C50	Palmer et al., <i>Mol. Cell. Neurosci.</i> , 8(6):389-404 (1997)
	C51	Reynolds et al., <i>J. Neurosci. Res.</i> , 47(5):455-470 (1997)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C52	Reynolds et al., <i>Science</i> , 255(5052):1707-1710 (1992)
	C53	Rietze et al., <i>Nature</i> , 412:736-739 (2001)
	C54	Seaberg et al., <i>J. Neurosci</i> , 22(5):1784-1793 (2002)
	C55	Simons et al., <i>J. Immunol.</i> , 148:267(1):267-271 (1992)
	C56	Solter et al., <i>Proc. Natl. Acad. Sci. USA</i> , 75(11):5565-5569 (1978)
	C57	Suhonen et al., <i>Nature</i> , 383(6601):624-627 (1996)
	C58	Swissprot Accession No. P23229, 3 pages (2004)
	C59	Tamura et al., <i>J. Cell Biol.</i> , 111:1593-1604 (1990)
	C60	Tole et al., <i>J. Neurosci.</i> , 15(2):957-969 (1995)
	C61	Tole et al., <i>J. Neurosci.</i> , 15(2):970-980 (1995)
	C62	Uchida et al., <i>Proc. Natl. Acad. Sci. USA</i> , 97(26):14720-14725 (2000)
	C63	Weigmann et al., <i>Proc. Natl. Acad. Sci. USA</i> , 94(3):12425-12430 (1997)
	C64	Weiss et al., <i>J. Neurosci.</i> , 16(23):7599-7609 (1996)
	C65	Winkler et al., <i>Mol. Cell. Neurosci.</i> , 11(3):99-116 (1998)
	C66	Yamamoto et al., <i>Proc. Natl. Acad. Sci. USA</i> , 82:3045-3049 (1985)

*** By the waiver of 37 CFR 1.98(a)(2)(ii) copies of the U.S. Patents A2-A5 and U.S. Published Applications A6-A9 are not submitted.**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.